

FISH AND GAME COMMISSION
CALIFORNIA DEPARTMENT OF FISH AND GAME
CERTIFICATE OF FEE EXEMPTION

De Minimis Impact Finding

Project Title: Technology Demonstration to Evaluate In Situ Bioremediation of Perchlorate in Shallow Groundwater, Area 11, Former Whittaker-Bermite Facility, Santa Clarita, California

Project Location (within Los Angeles County): 22116 West Soledad Canyon Road, Santa Clarita, CA, 91350, Santa Clarita, CA

Project Description: The Discharger proposes to conduct a technology demonstration to evaluate the remediation of perchlorate in shallow groundwater by enhanced in-situ bioremediation in selected source areas. In-situ bioremediation at this site will involve the addition of citric acid to the shallow groundwater. The addition of citric acid has been shown to enhance biodegradation of perchlorate and nitrate in soil samples from this site, in laboratory tests. The Discharger has submitted a report of waste discharge for the proposed technology demonstration and the use of a sodium bromide tracer to evaluate groundwater flow, citric acid to enhance bioremediation, and chlorine dioxide to limit well biofouling. In accordance with the California Environmental Quality Act (CEQA), this Regional Board has prepared an Initial Study for the technology demonstration project and the Regional Board has determined that the proposed injection will not have a significant adverse effect on the environment, and therefore, has prepared a Mitigated Negative Declaration. The Regional Board has also prepared Waste Discharge Requirements to regulate the use of the sodium bromide, citric acid, and chlorine dioxide to monitor groundwater quality and groundwater flow conditions during remediation.

Findings of Exemption:

In accordance with Section 753.5(c) of the Fish and Game Code, this Regional Board, acting as Lead Agency, has conducted an Initial Study and, considering the record for the proposed project as a whole, has determined that there is no evidence that the project will involve potential for adverse effects, either individually or cumulatively, on wildlife or wildlife resources. Consequently, a "de minimis" finding is warranted and no fee is required. In addition, on the basis of substantial evidence in the record, this Regional Board (acting as Lead Agency) rebuts the presumption of adverse effect contained in the Fish and Game Code as it relates to the proposed project.

Certification:

I hereby certify that the lead agency has made the above findings of fact and that based upon the initial study and bearing record the project will not individually or cumulatively have an adverse effect on wildlife resources, as defined in Section 711.2 of the Fish and Game Code.

fw Daniel A. Bacharowski AEO
Jonathan Bishop
Executive Officer

August 17, 2006

Date